



REMARKS/ARGUMENTS

The Examiner rejected the pending claims over the admitted prior art in view of Hoadley, U.S. Patent No. 3,493,760.

The admitted prior art discloses, as shown in FIG. 1, a pilot relay that is necessarily maintained within a pilot relay housing. The pilot relay housing is maintained in the pilot relay housing due to electrical code requirements.

Hoadley disclose the use of an optical coupling technique to replace an electrical coupling method to prevent spurious currents from entering the shielded enclosure.

The combinations of the teachings of the admitted prior art with Hoadley would result in the pilot relay of the admitted prior art being replaced with optical coupling structure. The resulting structure would result in the optical coupling structure being enclosed within the pilot relay housing of the admitted prior art.

Claims 1, 16, 30, and 46 patentably distinguish over the cited combination by claiming the transmitter is free from being maintained in a pilot relay housing surrounding the transmitter and wherein the pilot relay housing is fixed to the enclosure.

In addition, there would be no motivation to remove the pilot relay housing because neither reference recognizes any benefit that may result nor that such an arrangement would permit such removal, while being compliant with the electrical code requirements.

Appl. No. 09/881,300
Amdt. dated Jan. 12, 2006
Reply to Office Action of Aug. 9, 2005

This Amendment is being submitted with a Petition for Extension of Time, together with the requisite fee. The Commissioner is hereby authorized to charge any additional fees, or credit any overpayment, to Deposit Account No. 03-1550.

Respectfully submitted,

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